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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Mark S. Zediker et al.

Serial No.: 09/498,254

Filed: February 3, 2000

For: HIGH EFFICIENCY, HIGH POWER DIRECT
DIODE LASER SYSTEMS AND METHODS
THEREFOR

Atty. Dkt. No.: D3953-RE

Group Art Unit: 2881

Examiner: Q. P. LEUNG

PRELIMINARY AMENDMENT UNDER 37 C.F.R. §1.115

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

Prior to continued examination on the merits, please amend the application as follows:

IN THE CLAIMS:

Please AMEND claims 25, 26, 31, 33, 36, 40, and 41 as follows:

25. (Twice Amended) A diode laser system, comprising:

a laser head assembly generating an output beam, the laser head assembly including:

M modules which generate M laser beams, wherein each of said M laser beams has
a different [unconstrained] wavelength; and

only M-2 dichroic filters, wherein each of said M-2 dichroic filters transmits a
corresponding one of said M laser beams and reflects all other of said M laser beams
into a predetermined optical path to produce said output beam,

where M is an integer > 2.